

ILS Laboratories

8222 Vickers St, Suite 106, San Diego, CA 92111
(619) 329-3999 | ils-lab.com

Retatrutide - 20mg

Tested for: Modern Research Labs LLC

PASS

COA #: COA-2026-ILWUPL
Lot Number: MRL-RT20-20260514
Accession #: ACC-2026-9989
Labeled Content: 20mg

Analysis Date: 08/03/2026
Appearance: Good
Sample Matrix: Lyophilized
Volume: 3mL
Date Received: 07/15/2026



Scan to verify
authenticity at ils-lab.com
Access Code: KB8AZLSX

Method: Full QC Panel

Identity	Peptide Purity	
Retatrutide	99.48%	 Fentanyl Free

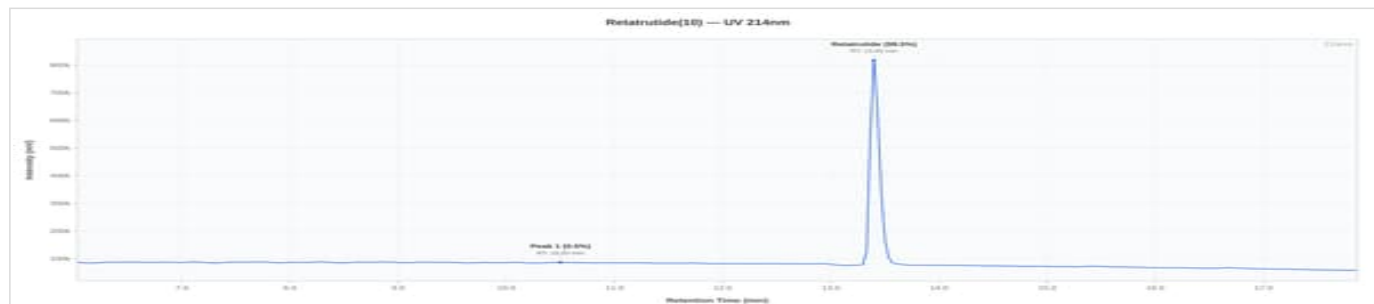
Full QC Panel

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	99.48%	%	PASS
Net Peptide Content	Report Only	21.11	mg	N/A
Identity (HPLC-RTM)	Retatrutide	Confirmed	-	PASS
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	Not Detected	-	PASS



Retatrutide 20mg -
MRL-RT20-20260514

HPLC Chromatogram



Retatrutide 20mg - MRL-RT20-20260514: UV Chromatogram

Heavy Metals Analysis (ICP-MS)

Test	Specification	Result	Status
Arsenic (As)	NMT 1.5 ppm	0.84	PASS
Cadmium (Cd)	NMT 0.5 ppm	0.267	PASS
Lead (Pb)	NMT 1.0 ppm	0.566	PASS
Mercury (Hg)	NMT 1.5 ppm	0.124	PASS
Chromium (Cr)	NMT 10.0 ppm	3.467	PASS



Dr. Greg Kalyuzhny

Dr. Greg Kalyuzhny
Lab Director
8/3/2026

COA #: COA-2026-ILWUPL
Access Code: KB8AZLSX
Verify: portal.ils-lab.com/verify/wflv9xPYZF2QaTvZ
Issued: 8/3/2026

Sterility Testing (PCR)

Test	Specification	Result	Status
Sterility (PCR)	No Growth	No Growth	PASS

Endotoxin Testing (USP <85>)

Test	Specification	Result	Status
Endotoxin (USP <85>)	Report Result	0.183 EU/mL	Reported

About this result: Endotoxin is reported as a quantitative value. Acceptable limits vary by product type and matrix, so no universal pass/fail threshold applies to RUO products. This result is below commonly referenced endotoxin thresholds.

Notes & Methodology

1. Date Tested: 08/03/2026. Methods: Full QC Panel.
2. The sample was confirmed to be Retatrutide by HPLC. Identification by chromatographic retention time comparison with a reference standard.
3. Elemental impurities analyzed by ICP-MS per USP <233> methodology. Acceptance criteria are internal laboratory quality screening limits for research-use materials and do not represent evaluation against any specific pharmacopeial monograph or product specification.
4. Endotoxin tested per USP <85> kinetic turbidimetric method. Acceptance criteria per client specification.
5. Peptide purity determined by RP-HPLC area normalization at 214 nm. Value represents the percentage of the target peptide relative to all peptide-related peaks. Non-peptide process-related impurities, if detected, are excluded from the calculation.